HUYDU TRAN
Software Engineer

(408) 480-9223   Hdt.cn106@gmail.com   **PORTFOLIO**   **GITHUB**   **LINKEDIN**

SKILLS

JavaScript, Python, Ruby, React, Redux, Express.JS, Sequelize, HTML, CSS, Flask, SQLAlchemy, Jinja, PIP, Node.js, Docker, PostgreSQL, AWS, Github

EXPERIENCE

Palo Alto Networks

Lab Device - Cable Auditor   May 2024 - Present

- Acted as the first point of contact for lab environment setup and configuration, ensuring seamless operations for various testing scenarios and experiments.
- Conducted regular inspections, troubleshooting, and maintenance of lab devices to diagnose and resolve technical issues promptly.
- Proactively communicate client status, concerns, and issues to the management team, ensuring timely and satisfactory resolution of technical problems.

Remotasks (Client: Scale AI)   Sep 2023 - Present

Computer Science Expert - AI Trainer

- Provided technical support and expert analysis for AI model training, ensuring the highest level of problem resolution and accuracy.
- Triaged and evaluated code responses generated by AI models, delivering precise and effective solutions to complex technical issues.
- Created and optimized code snippets, enhancing the functionality and performance of AI models, and contributing to internal knowledge bases.

PROJECTS

LUXE-EVENTS (JavaScript, ReactJS, Redux, Express.JS, Sequelize.js, BCrypt, PostgreSQL)   live | github

An elegantly designed and feature-rich application that empowers users to effortlessly discover and reserve event venues for hosting a wide range of gatherings.

- Crafted a robust Express.js backend, ensuring secure CRUD operations and validation with express-validators.js.
- Enhanced server efficiency by optimizing queries with aggregate functions and eager loading, eliminating N+1 queries.
- Seamlessly integrated Google Maps API for engaging custom search and InfoWindow features based on user and geolocation data.

SOUNDCLOUD-CLONE (JavaScript, ReactJs, Redux, Express.JS, Sequelize.js, PostgreSQL, AWS)   live | github

An intuitive app used for listening to music, based on Soundcloud.

- Crafted a seamless frontend UI and optimized backend performance by establishing precise table associations, eliminating N+1 queries, and achieving lightning-fast response times.
- Ensured scalability and reduced server load by seamlessly integrating AWS S3 for cloud-based image storage, enhancing overall system efficiency.
- Successfully integrated obscure libraries, showcasing adaptability and expertise by creating an impeccable, cross-component audio player. Leveraged React's useState hook for dynamic song management in the absence of comprehensive documentation.

EDUCATION

Full Stack Web Development - *App Academy | 2021 - 2022*
Automotive Technician - *Wyotech | Certificate of Completion | 2008-2009*